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Sequence Listing was accepted.

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217-9197 (toll free).

Reviewer: markspencer

Timestamp: [year=2008; month=12; day=30; hr=7; min=47; sec=8; ms=659; ]

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Application No: 10702319 Version No: 3.0

Input Set:

Output Set:

Started: 2008-12-08 16:08:09.024  
Finished: 2008-12-08 16:08:12.975  
Elapsed: 0 hr(s) 0 min(s) 3 sec(s) 951 ms  
Total Warnings: 92  
Total Errors: 0  
No. of SeqIDs Defined: 137  
Actual SeqID Count: 137

Error code	Error Description
W 402	Undefined organism found in <213> in SEQ ID (7)
W 402	Undefined organism found in <213> in SEQ ID (8)
W 402	Undefined organism found in <213> in SEQ ID (9)
W 402	Undefined organism found in <213> in SEQ ID (10)
W 402	Undefined organism found in <213> in SEQ ID (11)
W 402	Undefined organism found in <213> in SEQ ID (12)
W 213	Artificial or Unknown found in <213> in SEQ ID (15)
W 213	Artificial or Unknown found in <213> in SEQ ID (16)
W 213	Artificial or Unknown found in <213> in SEQ ID (17)
W 213	Artificial or Unknown found in <213> in SEQ ID (18)
W 213	Artificial or Unknown found in <213> in SEQ ID (19)
W 402	Undefined organism found in <213> in SEQ ID (20)
W 402	Undefined organism found in <213> in SEQ ID (22)
W 402	Undefined organism found in <213> in SEQ ID (23)
W 402	Undefined organism found in <213> in SEQ ID (24)
W 402	Undefined organism found in <213> in SEQ ID (25)
W 402	Undefined organism found in <213> in SEQ ID (26)
W 402	Undefined organism found in <213> in SEQ ID (27)
W 402	Undefined organism found in <213> in SEQ ID (28)
W 402	Undefined organism found in <213> in SEQ ID (29)

**Input Set:**

**Output Set:**

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Error code	Error Description
W 402	Undefined organism found in <213> in SEQ ID (30)
W 402	Undefined organism found in <213> in SEQ ID (31)
W 402	Undefined organism found in <213> in SEQ ID (32)
W 402	Undefined organism found in <213> in SEQ ID (33)
W 402	Undefined organism found in <213> in SEQ ID (34) This error has occurred more than 20 times, will not be displayed
W 251	Found intentionally skipped sequence in SEQID (121 )
W 251	Found intentionally skipped sequence in SEQID (122 )
W 251	Found intentionally skipped sequence in SEQID (123 )
W 251	Found intentionally skipped sequence in SEQID (124 )

SEQUENCE LISTING

<110> Perera, Ranjan  
Rice, Stephen  
Eagleton, Clare

<120> Compositions and Methods for the  
Modification of Gene Expression

<130> ARBG-004/07US

<140> 10702319

<141> 2003-11-06

<150> U.S. No. 10/291,447

<151> 2002-11-08

<150> U.S. No. 60/425,087

<151> 2002-11-08

<150> U.S. No. 10/137,036

<151> 2002-04-30

<150> U.S. No. 09/724,624

<151> 2000-11-28

<150> U.S. No. 09/598,401

<151> 2000-06-20

<150> PCT/NZ00/00018

<151> 2000-02-24

<150> U.S. No. 60/146,591

<151> 1999-07-30

<150> U.S. No. 09/276,599

<151> 1999-03-25

<160> 137

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<222> (1196)...(2033)

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<213> Pinus radiata
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<222> (1) ... (2064)
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<220>
<221> intron
<222> (1196) ... (2033)
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agaagatcca	cttggacaaa	ttgcccatag	ttggaaagat	gttcaccaag	tcaacaagat		240
ttatcaatgg	aaaaatccat	ctaccaaaact	tactttcaag	aaaatccaag	gattatagag		300
taaaaaatct	atgtattatt	aagtcaaaaa	gaaaaccaa	gtgaacaaat	attgatgtac		360
aagtttgaga	ggataagaca	ttggaatcgt	ctaaccagga	ggcggaggaa	ttccctagac		420
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<213> Pinus radiata

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<212> DNA  
<213> Pinus radiata

<220>  
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<222> (1)...(431)

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<221> TATA\_signal  
<222> (350)...(356)

<220>  
<221> CAAT\_signal  
<222> (326)...(333)

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ctctaactaa taaaacaata atcacaaaa atctatcacc aaaaatgaaa aaagattttg 180  
aatactaggc catatgagct acacaaattt caaaagtatc ttacacttat tacgcaccgc 240  
gatgtccca ctttcgaaaa acccgtttca agcctttcac gaaagtccaa cggtcagaaa 300  
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&lt;211&gt; 246

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&lt;221&gt; TATA\_signal

&lt;222&gt; (185)...(191)

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&lt;211&gt; 600

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&lt;222&gt; (1)...(167)

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&lt;222&gt; (471)...(477)

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&lt;221&gt; CAAT\_signal

&lt;222&gt; (444)...(451)

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<213> *Eucalyptus grandis*

&lt;220&gt;



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<222> (432)...(437)

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cctggtgt 308

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<212> DNA

<213> *Eucalyptus grandis*

<220>

<221> 5'UTR

<222> (1) ... (251)

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<211> 297

<212> DNA

<213> *Eucalyptus grandis*

<400> 11

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<210> 12

<211> 661

<212> DNA

<213> *Eucalyptus grandis*

<400> 12

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tatcgaacct	ccaccaccat	acctcacttc	aatccccacc	atttatccgt	tttatttcct	600
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t						661

<210> 13

<211> 336

<212> DNA

<213> *Pinus radiata*

<400> 13

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atttctcact	ctaccactcc	aacttccttc	aaatgctgtg	agtttttgtt	gtaattgcc	180
cgtctattta	taatcgcagc	agcactcgtc	atataaagac	ccgtgtgtgt	gaacaacaac	240
caagtgattt	gaattggaaa	tgaagagcga	gaatggcggt	gtcatgaccg	ggagcaacca	300
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<211> 763  
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<213> Pinus radiata

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ttcccaaact ctgtcggaat tctccactc aaagcattaa aggaaagatc taattgctgc 240  
aaaaaagaga gattcccaat atatttctca actcccttca aatgatttct cactctacca 300  
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gtttttgttg taattgcccc gtctatttat aatcgcagca gcactcgtca tataaagacc 420  
cgtgcgtgtg aacaacaatg gcggtgtctt gactgggagc aaccgcataa agaaagtggg 480  
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<213> Artificial Sequence

<220>  
<223> Made in a lab

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<212> DNA  
<213> Artificial Sequence

<220>  
<223> Made in a lab

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<210> 18  
<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<223> Made in